

REMARKS

Claims 1-35 were pending in the present application. Claims 1, 14, 29 and 32 have been amended. Accordingly, claims 1-35 are currently pending. No new matter has been added. Applicants respectfully request reconsideration of the claims in view of the following remarks.

- (1) The Examiner objected to claims 1-7 and 32 under 37 C.F.R. § 1.75 because of the following formalities:

In claim 1 line 6 “a time stamp” seems to refer back to “the time stamp” recited at line 4. If this is true; it is suggested to change “a time stamp” to --- the time stamp ---. The same is true with the term “modem” recited in claim 32.

Office Action, p. 2. The Examiner rejected claims 1-7 and 14-15 under 35 U.S.C. § 112, second paragraph, because “time stamp” in claim 1, line 4, and “the modem’s transmission” in claim 14, line 2, have no antecedent basis. *Id.* The Examiner stated that claims 1-7 and 14-15 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. § 112.

Applicants have amended claims 1, 14 and 32 to comply with 37 C.F.R. § 1.75 and 35 U.S.C. § 112, and respectfully request withdrawal of these objections and rejections. In view of these amendments, Applicants respectfully submit that claims 1-7 and 14-15 are in condition for allowance.

- (2) The Examiner rejected claims 29 and 33 under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,993,101 (“Trachwsky”). The Examiner rejected claims 30-31 and 34-35 under 35 U.S.C. § 103(a) as being unpatentable over Trachewsky. The Examiner objected to claim 32 as being dependent upon a rejected base claim, but would be allowable if rewritten in

independent form including all of the limitations of the base claim and any intervening claims. Applicants respectfully traverse.

As an initial matter, amended independent claim 29 recites that “the RF circuit contains circuitry to wirelessly transmit the first and second data streams and wirelessly receive the first and second received signals.” Trachwsky does not teach or suggest these claim elements. Instead, Trachwsky discloses a home networking wired interface, as exemplified by 2-4 wire hybrid portion 930. *See, e.g.*, Trachwsky, Fig. 30; col. 20:26-38; col. 21:35-41.

Furthermore, claim 29 recites that “the modem implements a first version of a technical specification for the modem data transmission and reception; [and] the coprocessor implements a second version of the technical specification for the coprocessor data transmission and reception.” Trachwsky does not teach or suggest these claim elements. Figure 30 of Trachwsky, cited by the Office Action, is a functional block diagram of a wired transceiver with V1 and V2 modes. These modes appear to be implemented in the same device, and there is no teaching or suggestion that one of the modes is implemented in a modem while the other is implemented in a separate coprocessor. *See, e.g.*, Trachwsky, Fig. 30; col. 20:23-33; col. 20:57-col. 21:41. Accordingly, Applicants respectfully submit that independent claim 29 is not anticipated by the cited prior art.

Claims 30-35 depend from claim 29 and add further limitations. It is respectfully submitted that these dependent claims are allowable by reason of depending from an allowable claim as well as for adding new limitations.

- (3) The Examiner stated that claims 8-13 and 16-28 are allowable.

Applicants have made a diligent effort to place the claims in condition for allowance. Should there remain unresolved issues that require adverse action, however, it is respectfully requested that the Examiner telephone Applicants' Attorney, Ron Neerings, at 972-917-5299, so that such issues may be resolved as expeditiously as possible. In the event that the enclosed fees are insufficient, please charge any additional fees required to keep the application pending, or credit any overpayment, to Deposit Account No. 20-0668.

Respectfully submitted,

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Date

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